What is claimed is:

1. A method, comprising:

for each of a plurality of subscribed services associated with a subscriber endpoint in a communications network, for a wired connection associated with the subscribed service:

determining a current QOS metric; and based on the current QOS metric and historical QOS metrics for the subscribed service, adjusting a QOS-affecting variable to change a future QOS metric.

- 2. The method of claim 1, further comprising: determining the historical QOS metrics.
- 3. The method of claim 1, further comprising: regressing the historical QOS metrics.
- 4. The method of claim 1, further comprising: estimating the future QOS metric.
- 5. The method of claim 1, further comprising: estimating the future QOS metric for the wired connection.
- 6. The method of claim 1, further comprising: determining the QOS-affecting variable.
- 7. The method of claim 1, further comprising:

 determining an adjustment to the QOS-affecting variable.
- 8. The method of claim 1, wherein the future QOS metric fulfills a requirement of the subscribed service.

- 9. The method of claim 1, wherein the future QOS metric is within an ability of the connection.
- 10. The method of claim 1, wherein the QOS-affecting variable is compression algorithm.
- 11. The method of claim 1, wherein the QOS-affecting variable is transmission rate.
- 12. The method of claim 1, wherein the current QOS metric is sound clarity.
- 13. The method of claim 1, wherein the current QOS metric is sound fidelity.
- 14. The method of claim 1, wherein the current QOS metric is voice quality.
- 15. The method of claim 1, wherein the current QOS metric is video picture quality.
- 16. The method of claim 1, wherein the current QOS metric is video picture movement.
- 17. The method of claim 1, wherein the current QOS metric is response time.
- 18. The method of claim 1, wherein the current QOS metric is error rate.
- 19. A machine-readable medium comprising instructions for activities comprising: for each of a plurality of subscribed services associated with a subscriber endpoint in a communications network, for a wired connection associated with the subscribed service:

determining a current QOS metric; and utilizing the current QOS metric and historical QOS metrics for the subscribed service, adjusting a QOS-affecting variable to change a future QOS metric.

20. A system comprising:

for each of a plurality of subscribed services associated with a subscriber endpoint in a communications network, for a wired connection associated with the subscribed service:

means for determining a current QOS metric; and utilizing the current QOS metric and historical QOS metrics for the subscribed service, means for adjusting a QOS-affecting variable to change a future QOS metric.